REMARKS

This Amendment is being filed in response to the Office Action mailed March 29, 2007, which has been reviewed and carefully considered. Reconsideration and allowance of the present application in view of the amendments made above and the remarks to follow are respectfully requested.

In the Office Action, the Examiner objected to claims 1 and 4-20 for certain informalities. In response, claims 1, 9, 11, 14 and 19 have been amended in accordance with the Examiner's suggestions. Further, claims 10 and 20 have been canceled without prejudice. Accordingly, withdrawal of the objection to claims 1 and 4-20 is respectfully requested.

In the Office Action, claims 1, 4-8, 14 and 16-19 are rejected under 35 U.S.C. §102(b) as allegedly anticipated by U.S. Patent Application Publication No. 2003/0168635 (Hampden). Further, claims 9-13 and 15 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Hampden in view of Patent Abstracts of Japan, Publication No. JP 01-178584 (Hiroyuki). Claim 20 is rejected under 35 U.S.C. §103(a) as allegedly unpatentable over

Hampden in view of Patent Abstracts of Japan, Publication No. JP 54-124583 (Noburu). It is respectfully submitted that claims 1, 4-9 and 11-19 are patentable over Hampden, Hiroyuki and Noboru for at least the following reasons.

Hampden is directed to photoluminescent phosphor powders and a method for making phosphor powders. As recited in paragraphs [0212] to [0214], phosphor particles are coated with an inorganic compound, such as SiO_2 or Al_2O_3. The coatings "encapsulate the entire [phosphor] particle." (Paragraph [0214], line 2)

As correctly noted on page 5 of the Office Action, Hampden does not teach or suggest that the inorganic material fills fill pores between the particles of luminescent material. Hiroyuki is cited in an attempt to remedy this deficiency in Hampden.

Hiroyuki discloses forming a uniform and dense phosphor film on a color cathode ray tube, by adhering a silicate or phosphate and a bivalent or tetravalent tin compound on the surfaces of phosphor particles.

It is respectfully submitted that the Abstract, including 'purpose' and 'constitution' of Hiroyuki has been carefully reviewed and yet there appears to be no teaching or suggestion of

any sizes of the luminescent particles or the inorganic material. Further, an inorganic material that fills pores between the particles of luminescent material, as recited in independent claims 1, 11, 14 and 19, is nowhere taught or suggested in Hampden, Hiroyuki and combination thereof.

Further, as correctly noted on page 5 of the Office Action, Hampden does not teach or suggest mono aluminum phosphate. Noboru is cited in an attempt to remedy this deficiency in Hampden.

Noboru is directed to raising the binding strength of a coated film of a fluorescent substance, by dispersing a slurry-like binder in a solution of the fluorescent substance, and then coating the solution on the inside surface of a fluorescent tube. The slurry-like binder contains aluminum phosphate.

Again, a careful review of the Noboru abstract including 'purpose' and 'constitution' reveal no teaching or suggestion of any mono aluminum phosphate, as recited in independent claims 1, 11, 14 and 19.

It is respectfully submitted that Hampden, Hiroyuki, Noboru, and combinations thereof, do not teach or suggest the present invention as recited in independent claim 1, and similarly recited

in independent claims 13, 16, and 19 which, amongst other patentable elements, requires (illustrative emphasis provided):

> inorganic material comprises mono aluminum phosphate and silicon oxide that fill pores between the particles of luminescent material.

An inorganic material comprising mono aluminum phosphate and silicon oxide that fill pores between the particles of luminescent material is nowhere disclosed or suggested Hampden, Hiroyuki and Noboru, alone or in combination.

Further, Hampden, Hiroyuki, Noboru, and combinations thereof, do not teach or suggest the present invention as recited in independent claim 11, and similarly recited in independent claim 14 which, amongst other patentable elements, requires (illustrative emphasis provided):

> a luminescent screen comprising:
> a first layer comprising a luminescent material having luminescent particles; and
> a second layer comprising an inorganic material having inorganic particles including mono aluminum phosphate;
> ... the second layer directly covering the first layer.

Two layers, namely a luminescent material layer and an inorganic material layer, as recited in independent claims 11 and

14, are nowhere taught or suggested in Hampden, Hiroyuki, Noboru, and combination thereof. Rather, Hampden disclose phosphor particles that are entirely coated with an inorganic compound; and Noboru and Hiroyuki teach a slurry or solution of mixed luminescent and inorganic material which is applied as a single layer.

Based on the foregoing, it is respectfully submitted that independent claims 1, 11, 14 and 19 are allowable, and allowance thereof is respectfully requested. In addition, it is respectfully submitted that claims 4-9, 12-13 and 15-18 should also be allowed at least based on their dependence from independent claims 1, 11 and 14.

In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented remarks. However, the Applicants reserve the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

Respectfully submitted,

By _____
Dicran Halajian, Reg. 39,703
Attorney for Applicant(s)
June 11, 2007

THORNE & HALAJIAN, LLP
Applied Technology Center
111 West Main Street
Bay Shore, NY 11706
Tel: (631) 665-5139
Fax: (631) 665-5101